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NEW MEXICO OIL CONSERVATION COMMISSION
API # 30-021-20078

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
State JL

9. Well No.
1

10. Field and Pool, or Wildcat
Und. Tubb

12. County
Harding

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK

b. Type of Well
OIL WELL GAS WELL CO₂ OTHER
SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Amoco Production Company

3. Address of Operator
P. O. Box 68, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE
AND 1980 FEET FROM THE West LINE OF SEC. 24 TWP. 21-N RGE. 32-E NMPM

19. Proposed Depth 2510'
19A. Formation Tubb
20. Rotary or C.T. Rotary

21. Elevations (Show whether DT, RT, etc.) 4946 GL
21A. Kind & Status Plug. Bond Blanket-On-File
21B. Drilling Contractor NA
22. Approx. Date Work will start 12-10-80

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11" or 12 1/4"	8 5/8"	24#	700'	Circ	Surf
7 7/8"	5 1/2"	14#	2510'	Tie back to 8 5/8"	BTM 8 5/8"

Propose to drill and equip well in the Tubb formation. After reaching TD logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial production.

Mud Program: 0'-700' Native mud and fresh water
700'-TD Commercial mud and brine water with minimum properties for safe hole conditions.

BOP Program Attached
Gas is not dedicated

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 3-9-81
UNLESS DRILLING UNDERWAY

0 + 2 NMOCD -SF 1-Hou 1-Susp 1-BD

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Bob Davis Title Admin. Analyst Date 12-1-80

(This space for State Use)

APPROVED BY Carl Ulvog TITLE COMMISSIONER DATE 12/8/80

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

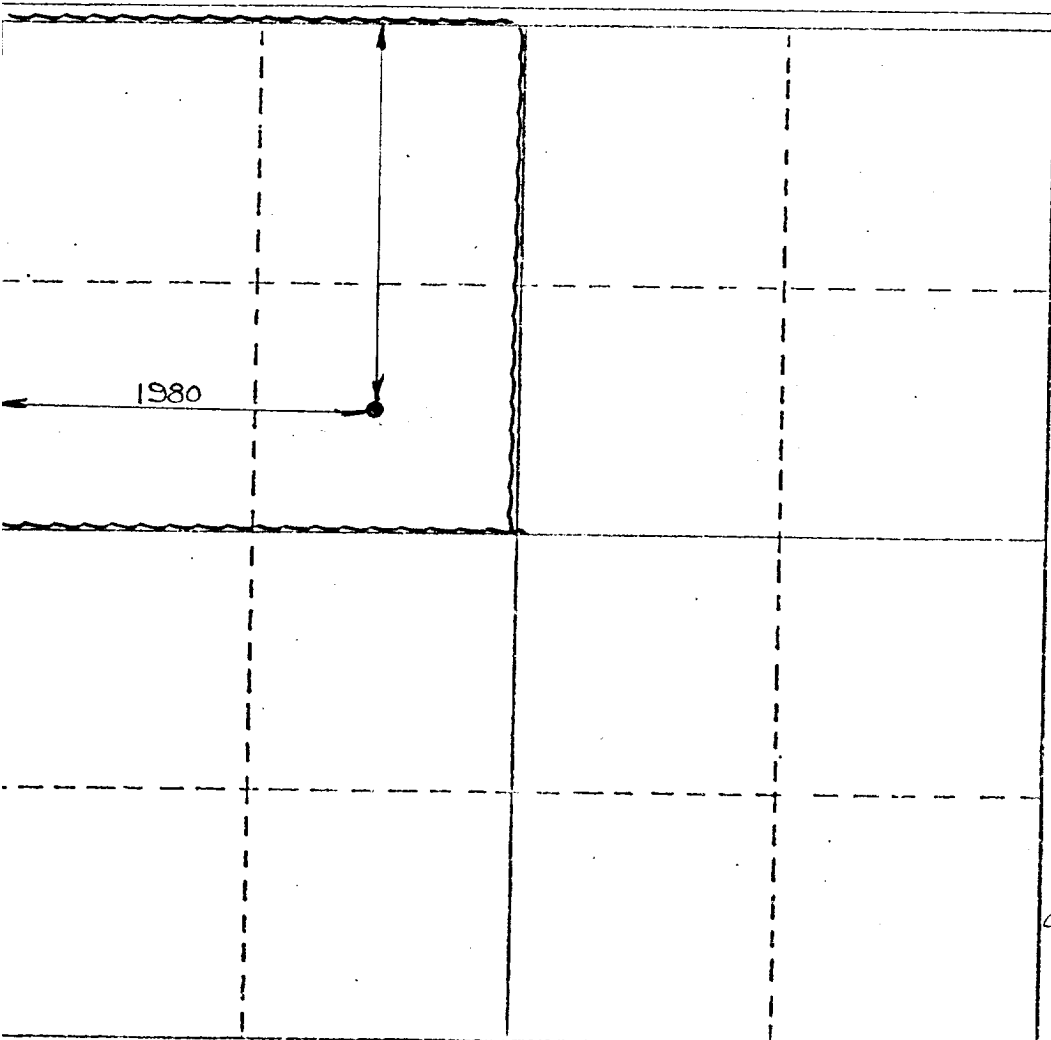
Operator AMOCO		Lease STATE OF NEW MEXICO			Well No. JL 1
Unit Letter F	Section 24	Township T21N	Range R32E	County HARDING	
Actual Footage Location of Well:					
1980 feet from the NORTH		line end	1980	feet from the WEST	
Ground Level Elev. 4946	Producing Formation Tubb	Pool Und. Tubb		Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Bob Davis
Position
Admin. Analyst
Company
Amoco Production Company
Date
12-1-80

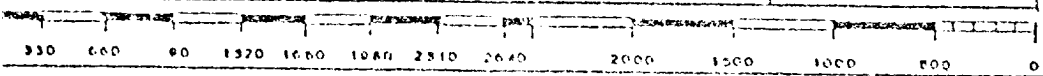
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

NOV. 19, 1980

Date Surveyed
E. Shultz
Registered Professional Engineer
and/or Land Surveyor

N.M. L.S. NO. 5103

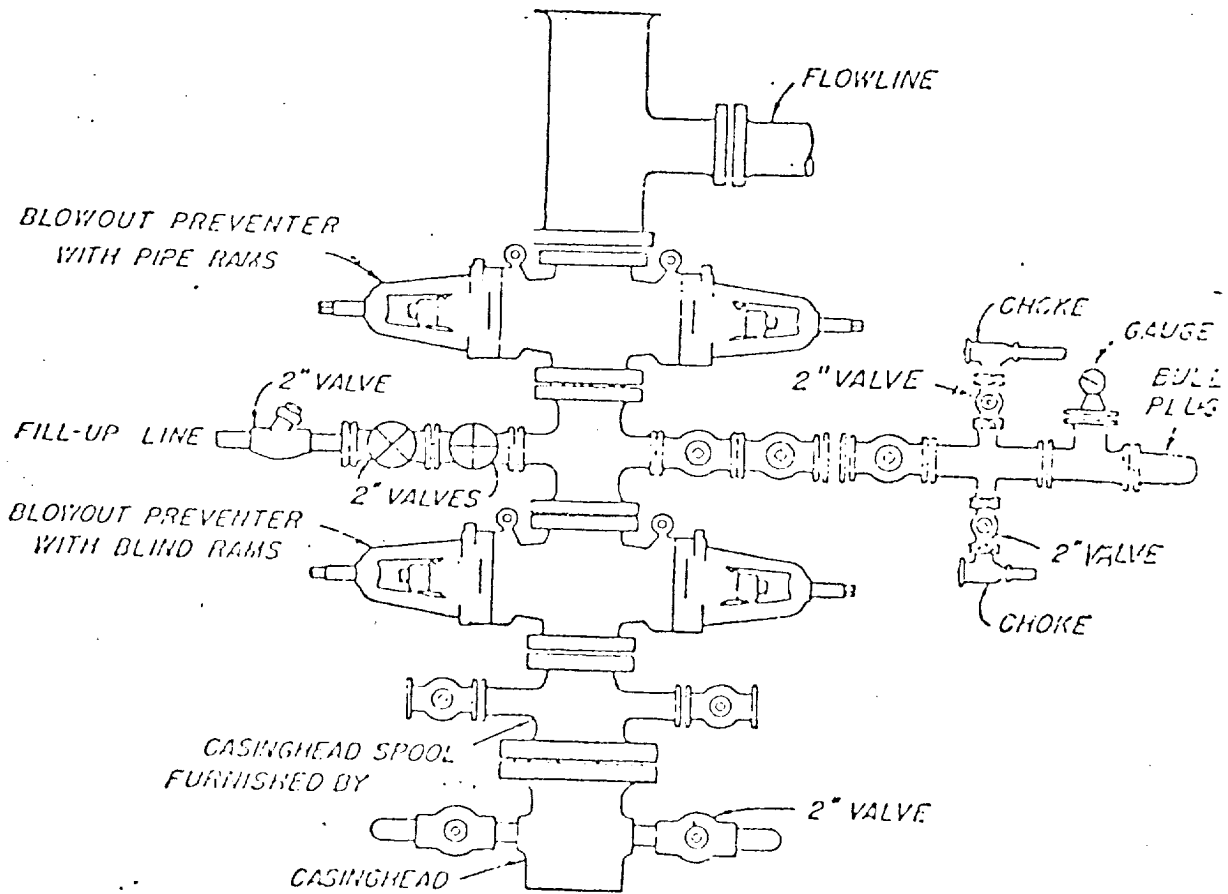
Certificate No. *E. SHULTZ*



ATTACHMENT "B"
NOTES

1. Blow-out preventers and master valve to be fluid operated and oil fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000# W.P. (6,000 p.s.i. test) minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000# W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6000' may be 2,000# W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Amoco.
11. Rams in preventers will be installed as follows:

When drilling, use:	When running casing, use:
Top Preventer - Drill pipe rams	Top Preventer - Casing rams
Bottom Preventer - Blind rams or master valve	Bottom Preventer - Blind rams or master valve



BLOWOUT PREVENTER HOOK-UP

AMSCO PREVENTION COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962